

# Wall 119 Riverside, Ca



Back-cut of slope prior to retaining wall foundation installation



Wall foundation installed –  
rebar cage under construction

## Strain Gauge Installation





# Strain Gauge Installation Bar Preparation



# Strain Gauge Installation Mounting



# Strain Gauge Installation Completed







Grinding rebar – Preparation for strain Gauge Installation



Spot welding strain gauge to rebar



Spot welding strain gauge



Installed strain gauges (typical)





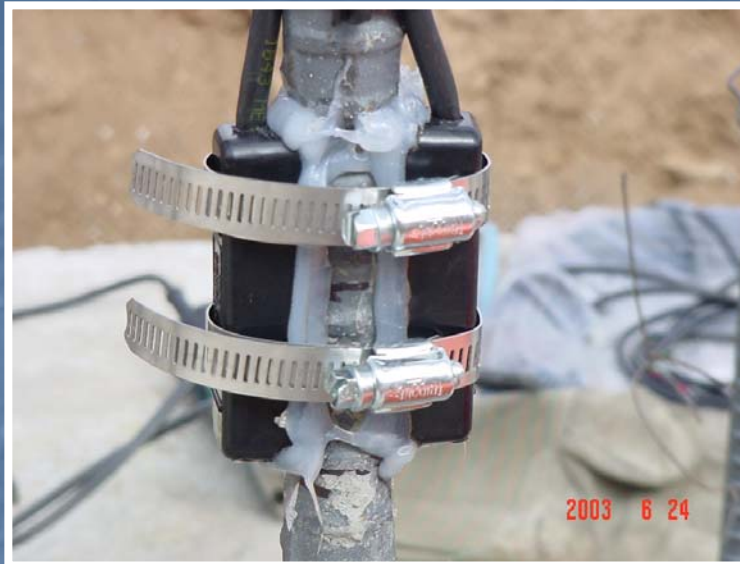
Installation of strain gauge cover



Covers installed and sealed

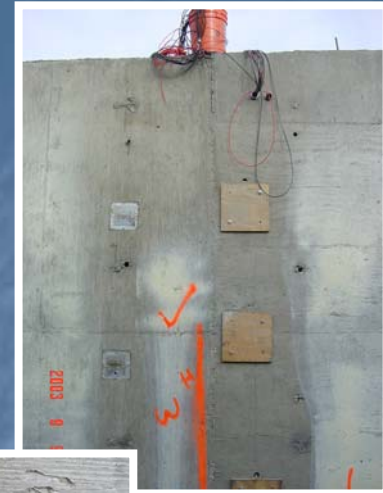


Installed strain gauge (typical)



Double rebar install (typical)

# Pressure Sensor Installation





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Placement of foundation soil



Compaction of foundation soil



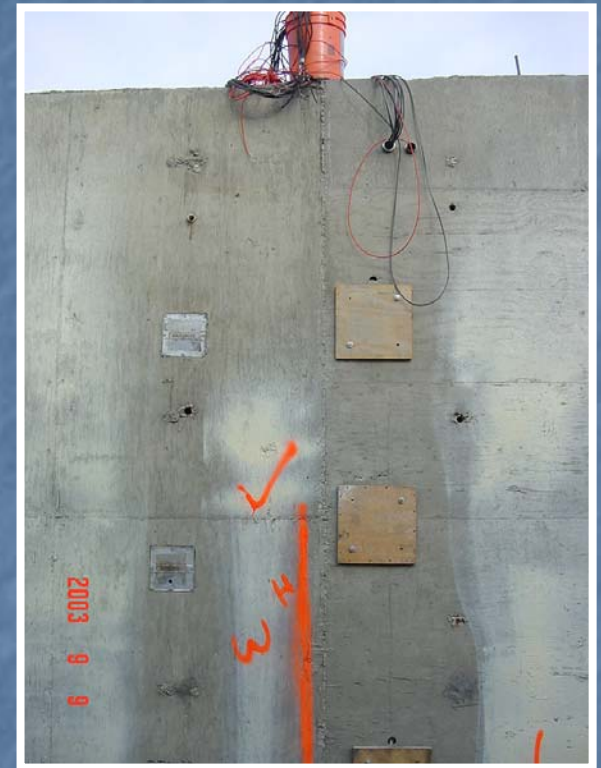
Unloading TDA



Installed TDA



Typical Station



Pressure cell installed



TDA placement



TDA placed and compacted



Data collection during construction



Final lifts of TDA, notice Geotextile wrap on both sides of TDA



TDA compaction



## Final geo-textile wrap



## Cover soil delivery, placement, and compaction





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Typical gravel/soil section

Completed cover soil installation, 2 feet



Road way backfill